

33

extended, nonlinear battlefields, with a minimum forward-deployed medical logistics footprint.

The invention provides Commanders with real time access to the readiness status of their troops and provides support for medical command and control, telemedicine and medical informatics applications across the continuum of the entire spectrum of military medical operations but especially for the first responder and far forward medical facilities. The invention also may be implemented to include complete support for sick call algorithms based on the first responders MOS. At the start of the mobile computing device, the available options may be preset to correspond to the user's MOS. Another exemplary embodiment provides for tracking medical supplies as they are used in treating patients. This type of information then can be used to formulate a treatment plan, because the system includes sufficient intelligence to know what supplies the medic has at the time of the encounter. The intelligence preferably maintains a running inventory by decrementing the number of supplies as they are being used. The system also will allow the medic to order new supplies using the mobile computing device or automatically once certain levels are reached.

I claim:

1. A method for creating a longitudinal medical record as a digital record comprising:

receiving information regarding a health event of a patient into a mobile computing device at a location proximate to where the health event occurred and the location is remote from a medical facility, and adding the received information into the longitudinal medical record stored on the mobile computing device, wherein the receiving step includes

receiving a selection from the user into the mobile computing device of the patient from a list of individuals displayed by the mobile computing device,

displaying an interface on the mobile computing device for receiving information about the health event from a user,

receiving the information about the health event through the interface from the user,

providing a narrative to the user where the narrative is created by said mobile computing device based on the information about the health event, and

compiling the digital record with the mobile computing device for the health event including the provided narrative as the longitudinal medical record;

transferring the information regarding the health event and the patient to the medical facility in a digital format as the longitudinal medical record for the patient from the mobile computing device to a database at the medical facility; and

accumulating additional information into the database at the medical facility regarding the patient during a period of treatment at the medical facility and adding the accumulated additional information with a second mobile computing device to the longitudinal medical record transferred to the medical facility and stored in the database at the medical facility regarding the patient.

2. The method according to claim 1, wherein the transferring step includes

loading the digital record by the mobile computing device onto a removable computer readable medium, providing the removable computer readable medium to the medical facility,

loading the digital record from the removable computer readable medium into the database at the medical facility with the second mobile computing device.

34

3. The method according to claim 1, wherein the transferring step includes transmitting the digital record wirelessly from the mobile computing device to the database at the medical facility prior to arrival of the patient at the medical facility.

4. The method according to claim 1, wherein receiving information includes receiving information at a location remote from the medical facility to which the patient will be taken to for treatment from at least one of a first responder or a medic.

5. The method according to claim 4, wherein the transferring step includes

loading the digital record by the mobile computing device onto a removable computer readable medium,

providing the removable computer readable medium to the medical facility,

loading the digital record from the removable computer readable medium into the database at the medical facility with a third mobile computing device.

6. The method according to claim 1, further comprising recommending with the mobile computing device a course of treatment to the user based on received information about the health event.

7. A method for creating a longitudinal medical record as a digital record using at least two mobile computing devices configured to create and handle the longitudinal medical record, the method comprising:

receiving information into a first mobile computing device at a location where a health event occurred and the location is remote from a medical facility, where the information is regarding a health event of a patient, wherein the receiving step includes

receiving a selection from the user into the first mobile computing device of the patient from a list of individuals displayed by the first mobile computing device,

displaying a graphical interface on the first mobile computing device for receiving information about the health event from a user who is treating the patient, wherein the interface includes a mixture of fields, selection boxes, and graphical representations of a generic human body,

receiving the information about the health event through the graphical interface from the user, and

adding the received information into the longitudinal medical record for the selected user stored on the first mobile computing device;

providing a narrative to the user where the narrative is created by the first mobile computing device based on the information about the health event;

compiling the digital record with the first mobile computing device for the health event including the provided narrative as the longitudinal medical record;

transferring the information regarding the health event and the patient to the medical facility in a digital format as the longitudinal medical record for the patient from the first mobile computing device to a database at the medical facility;

accumulating additional information through a second mobile computing device into the database at the medical facility regarding the patient during a period of treatment at the medical facility; and

adding the accumulated additional information with the second mobile computing device to the longitudinal medical record transferred to the medical facility and stored in the database at the medical facility regarding the patient.